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EagleSat

Embry-Riddle Aeronautical University

February Status Report

Activities of Team Members

February saw the team address the revisions to the HASP Proposal as noted by the review committee, as well as progress through payload design with some systems approaching the fabrication stage.

Issues Encountered in Payload Design

No issues were encountered.

Milestones Achieved

The proposal revisions have been addressed, allowing the necessary modifications to be passed on to the appropriate subsystems to incorporate into their designs as they move forward. The structures for the integration model and EagleSat itself have been completed, and a fabrication shop is being contacted to machine the parts for each structure. The antenna is undergoing a revision to improve the broadcast power, while the supercapacitor array that will be powering EagleSat underwent three weeks of vacuum and power testing with no negative effects. Further testing will be conducted before certifying them for HASP and EagleSat.

Current Team Members

Below is an organization chart of the current team.

